

论文

GENERIC POINTS IN ALGEBRAIC GEOMETRY AND LOEB MEASURES

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摘要 For any irreducible complex projective variety A , we prove that in the nonstandard extension *A of A in a polysaturated model, the set of points which are not generic points of A has Loeb measure zero. This is similar to the Sard theorem asserting that the critical values of a smooth map have Lebesgue measure zero.

关键词 [generic point](#), [Loeb measure](#)

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Key words [generic point](#) [Loeb measure](#)

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